

84-270599/44 J04 BADI 21.04.83 J(1-A2A)
BASF AG *DE 3314-395-A 021
21.04.83-DE-314395 (25.10.84) B01d-03/28 B01j-14 B01j-19
Column for chemical reaction and distillative fractionation - has zone
with elongated partition

CB4-114559

CLAIMED PROCESS

One or more reactants are fed, normally with a catalyst, into a column wherein they form a mixt. of prods. which are simultaneously sepd. by fractional distn. in the same column. Over a central length of the column a vertical partition partly or completely prevents lateral mixing movement of liq. and/or vapour streams and divides the column into reaction and distn. sections.

One or more medium boiling fractions consisting of reactants and/or their prods. and free of contamination by head or sump fractions are extracted in vapour or liq. form.

USE/ADVANTAGE

Suitable for esterification, saponification, acetal prodn. etc. Reaction is in optimum conditions, and reduced dilution of catalyst lessens the amt. needed. (9pp1480RBHDwgNo0/2).

DE3314395-A